

**IN THE CLAIMS**

Claims 1-40. (canceled)

Claim 41. (currently amended) An image producing device for producing another parallax image string by executing a synthesizing process on a parallax image string including a plurality of image data each containing parallax information, comprising:

a parameter interface for receiving a time spatial parameter indicative of one of time and spatial information for use in an image capturing and said forming of said other parallax image string; and

a controller for enabling a plurality of different parallax image strings having an identical time spatial parameter indicating one of time and spatial information there between to be addressed as an object of synthetic operation, and outputting said another parallax image string produced by said synthesizing processing based on said time spatial parameter;

wherein said time spatial parameter includes at least an image capture time.

Claim 42. (currently amended) A method of producing a second parallax image string by executing a synthesizing process on a first parallax image string including a plurality of image data each containing parallax information, comprising the steps

of:

receiving a time spatial parameter indicative of one of time and spatial information for use in an image capturing and said forming of said second parallax image string;

processing a plurality of different parallax image strings having an identical time spatial parameter indicative of one of time and spatial information there between as an object of synthetic operation; and

outputting said second parallax image string produced by said processing based on said time spatial parameter;

wherein said time spatial parameter includes at least an image capture time.